



GOTS IUID Tools for Marking and Business Systems

Training and Support
Manager
Applied Enterprise Solutions
In Support of DASN AL&M
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IUID Next Steps

- Getting started with IUID is complex, costly and time consuming
- DON Strategy for combating these problems:
 - Leverage existing government expertise and capabilities
 - Produce government owned, standard, repeatable, reusable processes and tools
 - Distribute these tools freely across DON and beyond
 - Expedite IUID compliance efforts

Example Government Owned Tools

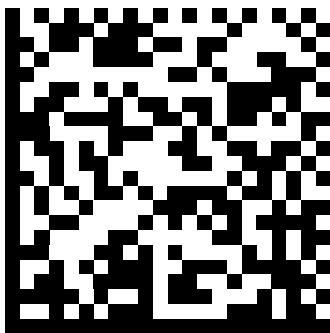


The Quick Compliance Tool Suite (QCTS)

- QCTS includes a variety of tools that address specific IUID issues
 - QCTS Compliance Checker
 - Web based and Handheld versions
 - iQ—Integrated QCTS
 - Receipt and Acceptance Tool
 - Should Cost Model
 - DON IUID Dashboard
 - QCTS Libraries

QCTS Compliance Checker

- Determines if a 2D data matrix is compliant and registered
 - Reflection of OSD Policy
 - Checks 54+ permutations
- Compatible with tethered scanner or image upload
- Publically accessible



I'm IUID compliant...Trust me.

QCTS IUID Compliance Registry Check Scanner Support

Click to Scan or Upload

UID:

Compliance Results: UID passed error check.

Registry Results: Found in IUID Registry

Less Information

Status	Check Type
✓	Check for Invalid Header
✓	Check for Invalid Format Code
✓	Check for Violation of Enterprise Identifier Constraints
✓	Check for Invalid CAGE Code
✓	Check for Invalid Original Part Number

Element Name	Value
CAGE	16331
Serial Number	B333550
Original Part Number	63A158097P1
Format	06
IAC	D
UID	D1633163A158097P1B333550
Raw IUID	<code>D> <R/S> 06 <G/S> 17V16331 <G/S> 1P63A158097P1 <G/S> SB333550 <R/S> <EOT></code>

Handheld QCTS Compliance Checker

- Compatible with Windows Mobile based handhelds
- Includes functionality of web based version
 - Will check for registration status if wireless network is available
- Includes reporting functionality



iQ Desktop and Handheld

- Integrates desktop IUID data management with handheld computers
 - Handheld applications are created from the desktop
 - Each of these applications is fully customizable
- Modular Construction
 - Supports plug-ins like a modern internet browser

A screenshot of the iQ software interface. The interface is divided into several windows:

- Inventory File:** Shows a tree view with 'Warehouse Inventory' and 'Warehouse_material' selected. Below is a 'Pending Registration' section.
- Warehouse_material | Air Compressors:** A table view of inventory items. The columns are: UI, Description, EnterpriseIdentifier, SerialNumber, UidType, BaggedOraggedC, Contents, AddedOrRemoved, MarkerCode, MarkerIdentifier, MediumCode, and Set_. The table contains 15 rows of data, each representing an 'AIR COMPRESS...' item with various UIDs and marker codes.
- Clipboards:** A tree view showing 'Warehouse Clipboards' and 'Air Compressors' selected.

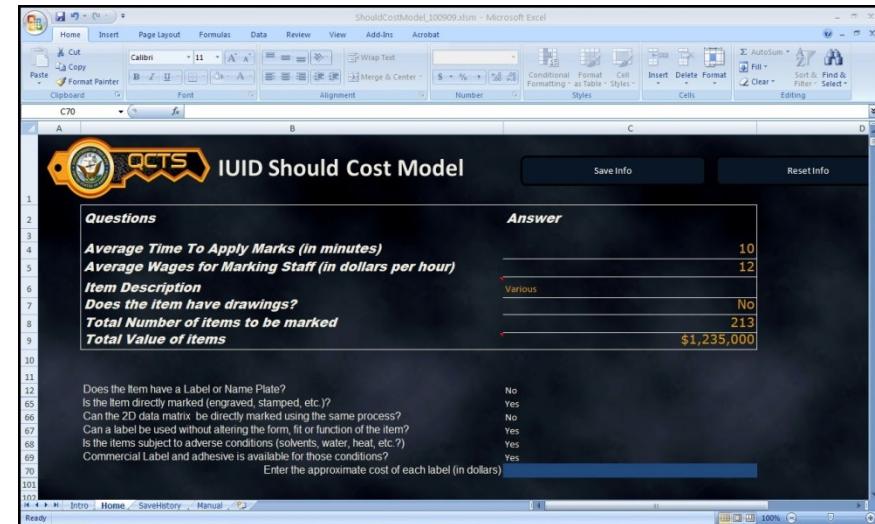
At the bottom of the interface, there is a status bar with the text: 'Viewing Clipboard Records: 15 of 15 | Viewing File Records: 0 of 0 | Active Ports: [COM0] [COM1] [COM2] [COM3] | Inactive Devices: [Symbol 096708] (Serial Mode) : COM1 (Not Connected)'.

Field Receipt and Acceptance Tool

- OSD Field Receipt and Acceptance (R&A) Tool
 - OSD driven for use with WAWF
 - Moves R&A from the workstation to the handheld
 - Automates process by leveraging existing AIT
 - Reads multiple types of barcodes
 - Process integrates IUID seamlessly
 - Will provide accountability without impacting workload



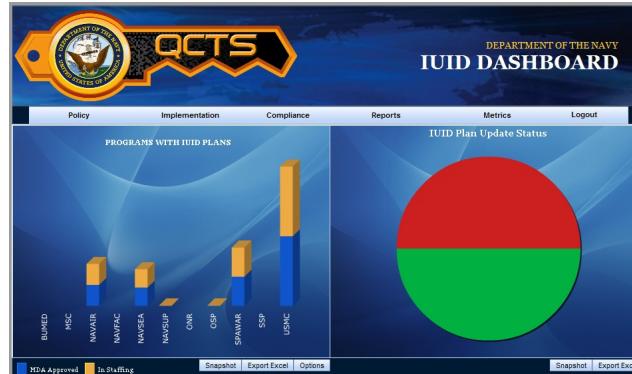
Should Cost Model



- MS Excel based tool
 - No Software installation required
 - NMCI compliant
- Gathers information about marking process
- Calculates the costs involved in marking process
- Saves information for history
- Tool will benefit PEO's, PM's, Contracting

DON IUID Dashboard

- Provides detailed IUID planning, implementation and financial metrics.
- Automatically generates metrics from collected IUID data
- Customizable Charts and Reports
 - Each user can create a custom home view
 - All chart data can be filtered to create custom charts
 - Charts can be download as snapshots
 - Data can be filtered and exported in Excel format for ad hoc reporting



QCTS Libraries

- QCTS functionality available for incorporation into existing AISs
- Reduces duplicative software development efforts
- Available as libraries for new and existing applications
 - Libraries available in Java, JavaScript, and .NET
 - Example code provided to ease integration
- Can be used for desktop or handheld applications
- MFOM, PQDR, JAMISS, RSupply, BCS, others

Visit the DON IUID Booth for More Information

